

Statistics, University of Turku and the Finnish Society of Biostatistics jointly organize a course on

Bayesian data-analysis 14.–18.11.2011

(TILC19/TILL20 Bayesiläinen data-analyysi 4-6 op (TILA3463))

The teacher of the course is Bob O'Hara (Biodiversity and Climate Research Centre, Frankfurt am Main, Germany).

Participants who are members of the Finnish Society of Biostatistics (Suomen biostatistiikan seura ry) can register for the course by sending an email to the society's secretary John Aspegren (sihteeri@biostatistiikanseura.org) before 4th November 2011. The participation fee for the society's members is 100 EUR and it should be paid to the society's bank account 800014-708153 with reference no. 7252 (viitenro) by 4th November 2011.

Participants from University of Turku are asked to sign up for the course on the list found in the Statistics unit (Publicum, 4th floor) or send an e-mail to *seppanen@utu.fi* before 7th November.

Location: Assistentinkatu (Educarium & Publicum) and Caloniankuja (Calonia), University of Turku (<http://www.utu.fi/kartta/>). Parking is available at Vatselankatu and Assistentinkatu.

Timetable:

Monday 14 November

10.15 - 11.45 Lecture (EDU3, Educarium, 3rd floor)
13.15 - 14.45 Lecture (EDU3, Educarium, 3rd floor)
15.30 - 17.30 Lecture (EDU3, Educarium, 3rd floor)

Tuesday 15 November

10.15 - 11.45 Practical (It-lab 409, Publicum, 4th floor)
13.15 - 14.45 Lecture (PUB5, Publicum, 3rd floor)
15.30 - 17.30 Practical (It-lab 409, Publicum, 4th floor)

Wednesday 16 November

10.15 - 11.45 Lecture (CAL3, Calonia, 2nd floor)
13.15 - 14.45 Practical (It-lab 409, Publicum, 4th floor)
15.30 - 17.30 Lecture (PUB4, Publicum, 2nd floor)

Thursday 17 November

10.15 - 11.45 Practical (It-lab 409, Publicum, 4th floor)
13.15 - 14.45 Lecture (CAL3, Calonia, 2nd floor)
15.30 - 17.30 Practical (It-lab 409, Publicum, 4th floor)

Friday 18 November

10.15 - 11.45 Practical (It-lab 409, Publicum, 4th floor)
13.15 - 14.45 Lecture (PUB5, Publicum, 3rd floor)
15.30 - 17.30 Practical (It-lab 409, Publicum, 4th floor)

Content: The course will provide a practical introduction to Bayesian methods of data analysis. It will cover the basics of Bayesian thought, and how to develop and fit Bayesian models to data. Throughout the course OpenBUGS will be used to demonstrate the methods, so the students will get hands-on experience of fitting models to data. Participants are encouraged to bring their own data sets to work on during the practicals.

Previous studies: Introduction to Statistics.

More information: Jaakko Nevalainen (jaakko.nevalainen@utu.fi) or Eila Seppänen (seppanen@utu.fi)